Slient Reference: MTI-1670.US.0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

9999999

RE APPLICATION OF:

CONNER, ET AL.

SERIAL NO.:

09/870,458

FILED:

JUNE 1, 2001

TITLE: "MULTI-PRECISION BARRELL

SHIFTING"

CERTIFICATE OF MAILING BY EXPRESS MAIL

GROUP ART NO .:

EXAMINER: TONIA L. MEONSKE

ATTY. DOCKET No.: 068354.1439

I HEREBY CERTIFY THAT THE ATTACHED RESUBMISSION OF INFORMATION DISCLOSURE STATEMENTS AND POSTCARD ARE BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 C.F.R. 1.10 ON THIS 6TH DAY OF FEBRUARY, 2006, AND IS ADDRESSED TO MAIL STOP AMENDMENT, P.O. Box 1450,

ALEXANDRIA, VA 22313-1450.

SUSAN D. JONES

2183

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DATE OF MAILING: EXPRESS MAIL LABEL:

FEBRUARY 6, 2006 EV778536643US

Commissioner for Patents MAIL STOP: AMENDMENT P.O. Box 1450 Alexandria, VA 22313-1450

RESUBMISSION OF INFORMATION DISCLOSURE STATEMENTS **SUBMITTED SEPTEMBER 10, 2004, FEBRUARY 24, 2005, AND MAY 11, 2005**

Dear Sir:

Applicants are resubmitting three Information Disclosure Statements originally filed in this matter as follows:

Information Disclosure Statement Transmittal Letter and Information 1) Disclosure Citation in an Application (PTO-1449) dated September 10, 2004. confirmation of the Information Disclosure Statement, Form 1449, and courtesy copies of fifteen (15) non-patent publications on CD Rom are demonstrated by the returned postcard acknowledging receipt by the OIPE on September 10, 2004, and Track and Confirm Search

HOU02:1056859 USSN: 09/870,458 Client Reference: MTI-1670.US.0

Results for Express Mail Label EV351290512US postmarked September 10, 2004, confirming

delivery on September 13, 2004.

2) Information Disclosure Statement Transmittal Letter and Information

Disclosure Citation in an Application (PTO-1449) dated February 24, 2005. Receipt

confirmation of the Information Disclosure Statement, Form 1449, and courtesy copies of two

(2) non-patent publications are demonstrated by the returned postcard acknowledging receipt by

the OIPE on February 24, 2005, and Track and Confirm Search Results for Express Mail Label

EV590021504US postmarked February 24, 2005 confirming delivery on February 25, 2005.

3) Information Disclosure Statement Transmittal Letter and Information

Disclosure Citation in an Application (PTO-1449) dated May 11, 2005. Receipt confirmation of

the Information Disclosure Statement, Form 1449, and courtesy copies of U.S. Patent Documents

are demonstrated by the returned postcard acknowledging receipt by the OIPE on May 10, 2005,

and Track and Confirm Search Results for Express Mail Label EV351262352US confirming

delivery on May 12, 2005.

Courtesy copies of eleven (11) non-patent documents and six (6) foreign patent

documents are enclosed.

Applicants believe that there are no fees due in association with the filing of this

Response. However, should the Commissioner deem that any fees are due, Applicants

respectfully request that the Commissioner accept this as a Petition therefor, and direct that any

and all fees due are charged to Baker Botts L.L.P. Deposit Account No. 02-0383, Order

Number 068354.1439.

HOU02:1056859 USSN: 09/870,458 Client Reference: MTI-1670.US.0

Date: February 6, 2006

BAKER BOTTS L.L.P. (023640)

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ATTORNEY FOR APPLICANT

HOU02:1056859 USSN: 09/870,458 ATTORNEY DOCKET 068354.1439 FEB 0 6 2006

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STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joshua M. Conner et al.

Serial No.:

09/870,458

Filing Date:

June 1, 2001

Group Art Unit:

2183

Examiner:

Tonia L. Meonske

Title:

Multi-Precision Barrel Shifting

Mail Stop Amendment Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450 I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service as Express Mail EV351290512US addressed to: Mail Stop Amendment, Commissioner of Patents, Alexandria, VA 22313-1450, on the date shown below.

Date

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. Copies of the references are enclosed on the attached CD-Rom for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. §§1.97 (g) and (h), no representation is made that these references are material to the patentability of the present application.

Applicants enclose a check in the amount of \$180.00, the Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 50-2148 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P. Attorneys for Applicants

Bruce W. Slayden

Reg. No. 33,790

Date:

Correspondence Address:

Customer Number 31625

512.322.2606

512.322.8306 (Fax)

Page 1 of 9 Application No. PTO-1449 Applicant(s) 09/870,458 Joshua M. Conner et al. Information Disc itation Docket Number **Group Art Unit** Filing Date 068354.1439 2183 June 1, 2001

	U.S.	PATENT	DOCUMENTS
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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
Α	3771146	11/6/73	Cottton et al.	710	260	1/22/73
В.	3781810	12/25/73	Downing	340	172.5	4/26/72
C.	3886524	5/27/75	Appelt	710	110	10/18/73
D.	4025771	5/24/77	Lynch et al.	708	521	3/25/74
E.	4074353	2/14/78	Woods et al.	710	264	3/24/76
F.	4090250	5/16/78	Carlson et al.	712	234	9/30/76
G.	4323981	4/6/82	Nakamura	364	749	10/23/78
Н.	4379338	4/5/83	Nishitani et al.	708	552	11/21/80
1.	4398244	8/9/83	Chu et al.	364	200	5/7/80
J.	4408274	10/4/83	Wheatley et al	364	200	9/29/80
К.	4451885	5/29/84	Gerson et al.	708	200	
L.	4472788	9/18/84	Yamazaki	364	900	3/1/82
М.	4481576	11/6/84	Bicknell	364	200	8/27/81
N.	4488252	12/11/84	Vassar	364	748	3/19/82
0.	4511990	4/16/85	Hagiwara et al.	364	748	2/22/82 10/15/81

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P.	01037424 A	2/1989	JP (w/abstract)	Нозм	001/82		. X
Q.	0 554 917 A2	8/11/93	EP	G06F	9/26	X	
R.	96/11443	4/18/96	wo	G06F	15/78	X	
s.	0 855 643 A1	07/29/98	EP	G06F	9/30	×	
т.	0 992 888	12/04/00	EP	G06F	9/32	×	
U	0 992 889	12/14/00	EP	G06F	9/32	X	

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v.	Moon B I et al.: "A 32-bit RISC Microprocessor with DSP Functionality: Rapid Prototyping" IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Institute of Electronics Information and Comm. Eng. Tokyo, JP, vol. E84-A no. 5, pages 1339-1347, XP001060025 ISSN: 0916-8508	
 w.	Turley J: "Balancing Conflicting Requirements When Mixing RISC, DSPs" Computer Design, Pennwell Publ. Littleton, Massachusetts, IS, vol. 37, no. 10, pages 46, 48, 50-53, XP000860706 ISSN:0010-4566	5/2001
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EXAMINER

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Application No. Applicant(s) PTO-1449 Joshua M. Conner et al. 09/870.458 Information Disclosure Citation Docket Number **Group Art Unit** Filing Date in an Application 068354.1439 2183 June 1, 2001 **U.S. PATENT DOCUMENTS** DOCUMENT NO. DATE NAME CLASS **SUBCLASS FILING DATE** A. 4556938 12/3/85 Parker et al. 364 200 2/22/82 B. 4626988 12/2/86 George 364 200 3/7/83 C. 4730248 3/8/88 Watanabe et al. 364 200 8/30/84 D. 4742479 5/3/88 Kloker et al. 364 746 3/25/85 E. 4768149 8/30/88 Konopik et al. 364 200 8/29/85 F. 4779191 10/18/88 Greenblatt 711 2 4/12/85 G. 4782457 11/1/88 Cline 364 715.04 8/18/86 H. 4800524 1/24/89 Roesgen 364 900 12/2/87 ١. 4807172 2/21/89 Nukiyama 364 715.08 2/17/87 J. 4829420 5/9/89 Stahle 364 200 6/29/87 K. 4829460 5/9/89 Ito 364 715.08 10/14/87 L. 4839846 6/13/89 Hirose et al. 364 748 3/12/86 M. 4841468 6/20/89 Miller et al. 708 625 3/20/87 N. 4872128 10/3/89 Shimizu 364 715.08 2/17/88 O. 4882701 11/21/89 Ishii 364 900 9/23/88 P. 4926371 5/15/90 Vassilliadis et al. 708 628 12/28/88 Q. 4941120 7/10/90 Brown et al. 364 748 4/17/89 **FOREIGN PATENT DOCUMENTS** DOCUMENT NO. TRANSLATION DATE COUNTRY SUBCLASS **CLASS** YES NO R. S. NON-PATENT DOCUMENTS - DOCUMENT (Including Author, Title, Source, and Pertinent Pages) Intel, Pentium Processor Family Developer's Manual, Volume 3: Architrecture and Programming Manual, , Pages 3-T. 1, 3-2, 3-15, 14-1 to 14-30, 18-7, and 25-289 to 25-292 1995 Intel, Embedded Intel486 Processor Family Developer's Manual, pgs. 2-2, 3-17, 3-37, 4-5, 4-6, 10-1 to 10-12, 12-1 U. 10/1997 Moore, M "Z80 Family Interrupt Structure". Barleywood (online), retrieved from the internet ٧. <URL: http://www.gaby.de/z80/1653.htm> 1997 W. Mailed PCT Search Report based on PCT/US02/16706, 6 pages 9/27/02 X. Mailed PCT Search Report based on PCT/US02/16705, 7 pages 9/9/02 Y. Mailed PCT Search Report based on PCT/US02/16921, 4 pages 10/18/02 **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Information Disclosure Citation in an Application

		Page 3 of 9
Application No.	Applicant(s)	
09/870,458	Joshua M. Conne	er et al.
Docket Number	Group Art Unit	Filing Date
068354.1439	2183	June 1, 2001

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C.	4977533	12/11/90	Miyabayashi et al.	364	726	10/10/89
D.	4984213	1/8/91	Abdoo et al	365	230.03	2/21/89
E.	5007020	4/9/91	Inskeep	364	900	5/7/90
F.	5012441	4/30/91	Retter	364	900	11/24/86
G.	5032986	7/16/91	Pathak et al.	364	200	
Н.	5034887	7/23/91	Yasul et al.	364	200	9/22/89
1.	5038310	8/6/91	Akagiri et al.	364	715.04	7/27/90 4/19/90
J.	5040178	8/13/91	Lindsay et al.	371	21.5	5/12/89
K.	5056004	10/8/91	Ohde et al.	264	200	10/14/88
L.	5099445	3/24/92	Studor et al.	364	715.08	12/26/89
М.	5101484	3/31/92	Kohn	395	375	2/14/89
N.	5117498	5/26/92	Miller et al.	395	775	9/19/90
О.	5121431	6/9/92	Wiener	713	174	7/2/90
Р.	5122981	6/16/92	Taniguchi	364	748	3/23/89
Q.	5155823	10/13/92	Tsue	395	400	4/17/89
R.	5177373	1/5/93	Nakamura	307	265	9/27/91
s.	5197023	3/23/93	Nakayama	364	748	10/31/91
т.	5197140	3/23/93	Balmer	395	400	11/17/89
U.	5206940	4/27/93	Murakami et al.	395	400	8/27/91
v.	5212662	5/18/93	Cocanougher et al.	364	748	9/11/90
w.	5239654	8/24/93	Ing-Simmons et al.	395	800	
x .	5276634	1/4/94	Suzuki et al.	364	748	11/17/89 8/20/91

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A.	5282153	1/25/94	Bartkowiak et al.	364	364 716		4/6/93	
В.	5327543	7/5/94	Miura et al.	395	375		4/23/90	
C.	5327566	7/5/94	Forsyth	395	775		7/12/91	
D.	5375080	12/20/94	Davies	364	736.5		12/18/92	
E.	5379240	1/3/95	Byme	364	715.08		3/8/93	
F.	5392435	2/21/95	Masui et al.	395	725		9/29/93	
G.	5418976	5/23/95	lida	395	800		12/21/92	
Н.	5422805	6/6/95	McIntyre et al.	708	625		10/21/92	
I.	5432943	7/11/95	Mitsuishi	395	725		4/19/93	
J.	5448703	9/5/95	Amini et al.	395	290		5/28/93	
K.	5448706	9/5/95	Fleming et al.	395	421.07			
L.	5463749	10/31/95	Wertheizer et al.	395				
M.	5469377	11/21/95	Amano	364	437	748		1/13/93 8/18/93
N.	5471600	11/28/95	Nakamoto	395	405			
O.	5497340	3/5/96	Uramoto et al.	364	745		2/22/95	
P.	5499380	3/12/96	lwata et al.	395	800		6/14/93 5/18/04	
Q.	5504916	4/2/96	Murakami et al.	395	800		9/28/93	
R.	5517436	5/14/96	Andreas et al.	364	736		6/7/94	
S.	5525874			Mallarapu et al.	318			
Т.	5548544	8/20/96	Matheny et al.	364	254		1/30/95	
U.	5561619	10/1/96	Watanabe et al.		745		10/14/94	
V.	5564028	10/8/96	Swoboda et al.	364	736.5		9/20/94	
w.	5568380	10/22/96	Broadnax et al.	395	375		1/11/94	
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Application No. Applicant(s) PTO-1449 Joshua M. Conner et al. 09/870,458 Information Disclosure Citation **Docket Number Group Art Unit** Filing Date in an Application 068354.1439 2183 June 1, 2001 **U.S. PATENT DOCUMENTS** DOCUMENT NO. DATE NAME CLASS **SUBCLASS FILING DATE** A. 5568412 10/22/96 Han et al. 364 748 11/29/94 B. 5596760 1/21/97 Ueda 395 588 12/9/92 C. 5600813 2/4/97 Nakagawa et al. 395 421.07 2/9/93 D. 5611061 3/11/97 Yasuda 395 591 11/24/93 E. 5619711 4/8/97 Anderson 395 800 6/29/94 F. 5638524 6/10/97 Kiuchi et al. 395 375 5/17/95 G. 5642516 6/24/97 Hedayat et al. 395 733 10/14/94 H. 5649146 7/15/97 Riou 395 421.07 3/30/95 1. 5651121 7/22/97 **Davies** 395 376 12/18/92 J. 5657484 8/12/97 Scarrá 395 561 12/27/94 K. 5659700 8/19/97 Chen et al. 395 421.07 2/14/95 L. 5682339 10/28/97 Tam 364 715.08 5/26/95 M. White 5689693 11/18/97 395 565 4/26/94 N. 5694350 12/2/97 Wolrich et al. 364 788 6/30/95 O. 5696711 12/9/97 Makineni 364 748.03 12/22/95 P. 5706460 1/6/98 Craig et al. 395 380 3/19/91 Q. 5706466 1/6/98 Dockser 395 452 1/13/95 R. 5715470 2/3/98 Asano et al. 200 800 9/27/93 S. 5737570 4/7/98 Koch 395 872 4/28/97 T. 5740095 4/14/98 Parant 364 760 7/12/95 U. 5740419 4/14/98 Potter 395 588 7/22/96 ٧. 5740451 4/14/98 Muraki et al. 395 733 10/28/96 W. 5748516 5/5/98 Goddard et al. 364 748.03 9/26/95 **FOREIGN PATENT DOCUMENTS** DOCUMENT NO. TRANSLATION DATE COUNTRY CLASS **SUBCLASS** YES NO X. Y. NON-PATENT DOCUMENTS - DOCUMENT (Including Author, Title, Source, and Pertinent Pages) Z. **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Application No. Applicant(s) 09/870,458 Joshua M. Conner et al. **Docket Number Group Art Unit** Filing Date 068354.1439 2183 June 1, 2001

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C.	5765216	6/9/98	Weng et al.	711		3/13/96
D.	5765218	6/9/98	Ozawa et al.		214	6/17/96
E.	5774711	6/30/98		711	219	3/10/95
F.	5778416	7/7/98	Henry et al. Harrison et al.	395 711	591	7/26/96
G.	6700442	1			5	4/3/97
Н.	5790443	8/4/98	Shen et al.	364	746	3/19/96
1.	5808926	9/15/98	Gorshtein et al.	364	748.11	9/24/96
J.	5812439	9/22/98	Hansen	364	748.03	10/10/95
	5812868	9/22/98	Moyer et al.	395	800.23	9/16/96
К.	5825730	10/20/98	Nishida et al.	369	44.32	3/8/96
L	5826072	10/20/98	Knapp et al.	395	567	11/13/95
М.	5826096	10/20/98	Baxter	395	800.24	5/19/95
N.	5828875	10/27/98	Halvarsson et al.	. 395	588	5/29/97
Ο.	5862065	1/19/99	Muthusamy	364	736.5	2/13/97
Р.	5867726	2/2/99	Ohsuga et al.	395	800.32	4/10/96
Q.	5875342	2/23/99	Temple	395	733	
R.	5880984	3/9/99	Burchfiel et al.	364		6/3/97
s.	5892697	4/6/99	Brakefield	364	748.07	1/13/97
т.	5892699	4/6/99	Duncan et al.		748.02	12/19/95
U.	5894428	4/13/99	Harada	364	760.4	9/16/97
v.	5900683	5/4/99		364	724.03	7/28/97
w.	5909385		Rinehart et al.	307	126	12/23/97
I	2909303	6/1/99	Nishiyama et al. FOREIGN PATENT DOCUMEN	364	760.03	4/1/97
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09/870,458	Joshua M. Conne	er et al.
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068354.1439	2183	June 1, 2001

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B.	5918252	6/29/99	Chen et al.	711	217		1/25/96
C.	5930159	7/27/99	Wong	364	745.01		0/17/96
D.	5930503	7/27/99	Drees	395	651		2/29/95
E.	5936870	8/10/99	Im, Jin Hyeock	364	745.03		1/15/97
F.	5937199	8/10/99	Temple	395	335		6/3/97
G.	5938759	8/17/99	Kamijo	712	209	1	2/19/97
Ŧ.	5941940	8/24/99	Prasad et al.	708	523		30/97
1.	5943249	8/24/99	Handlogten	364	748.02		/25/97
J.	5944816	8/31/99	Dutton et al.	712	215		/17/96
K.	5951627	9/14/99	Kiamilev et al.	708	404		/17/90 1/14/96
L.	5951679	9/14/99	Anderson, et al.	712	241	1	0/31/97
M.	5978825	11/2/99	Divine et al.	708	525		1/14/97
N.	5983333	11/9/99	Kolagotia et al.	711	219		/27/97
Ο.	5991787	11/23/99	Abel et al.	708	400		2/31/97
P.	5991868	11/23/99	Kamiyama et al.	712	32		/19/94
Q.	5996067	11/30/99	White	712	224)/28/97
R.	6009454	12/28/99	Dummermuth	709	108		/10/97
S.	6014723	1/11/00	Tremblay et al.	711	1	 	23/97
Т.	6018757	1/25/00	Wong	708	525		/8/96
U.	6026489	2/15/00	Wachi et al.	712	241		26/95
V.	6044392	3/28/00	Anderson et al.	708	554	-	
W.	6044434	3/28/00	Oliver	711	551		/4/97
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